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JCS03 U.S. PRO  
12/21/01

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\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

12/21/01  
1042 U.S. PTO

December 21, 2001

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Commissioner for Patents  
Washington, D.C. 20231

*Box Patent Application*

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. *To Be Assigned*; Filed: Herewith (December 21, 2001)  
(*Divisional of 09/023,710; Filed: February 14, 1998*)  
For: **Susceptor-based Polymeric Material**  
Inventors: *Swartz et al.*  
Our Ref: 1128.2810002/TGD/RJS

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

**Susceptor-based Polymeric Material**

and naming as inventors:

Commissioner for Patents

December 21, 2001

Page 2

Henry D. SWARTZ  
Gary P. MAGNANT  
George COREY

the application consisting of:

- a. A specification containing:
  - i. 17 pages of description prior to the claims;
  - ii. 5 pages of claims (26 claims);
  - iii. a one (1) page abstract;
- b. 14 sheets of drawings: (Figures 1-18);
- c. A copy of the executed Declaration, as filed in U.S. Appl. No. 09/023,740;
4. Preliminary Amendment;
5. Application Data Sheet;
6. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
7. Our check No. 33667 for \$848.00 to cover:  
\$740.00 - application filing fee; and  
\$108.00 - excess claims fee; and
8. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Commissioner for Patents  
December 21, 2001  
Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Ryan J. Stamper  
Attorney for Applicants  
Registration No. 45,802

TGD/RJS:kim  
Enclosures  
P:\USERS\KSACRE\RJStamper\1128\2810002\CvrLtr

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(h))

|                        |                                     |
|------------------------|-------------------------------------|
| Attorney Docket No.    | 1128.281002/TGD/RJS                 |
| First Inventor         | Henry D. SWARTZ                     |
| Title                  | Susceptor-based Polymeric Materials |
| Express Mail Label No. |                                     |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 23]  
(preferred arrangement set forth below)  

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113) [Total Sheets 14]

Oath or Declaration [Total Pages 9]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*  
 i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- Computer Readable Form (CRF)
- Specification Sequence Listing on:
  - CD-ROM or CD-R (2 copies); or
  - paper
- Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- Preliminary Amendment
- Two (2) Return Receipt Postcards (MPEP 503) (Should be specifically itemized)
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: Authorization under 37 C.F.R. § 1.136(a)(3)
- Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-Part (CIP)  
Prior application information: Examiner A. Kuhns

of prior application No: 09/023,710  
Group/Art Unit: 1732

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|  |   |          |   |
|--|---|----------|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label<br>Customer No. <u>26111</u> | 26111<br>PATENT TRADEMARK OFFICE<br>(Insert Customer No. or Attach bar code label here) |          | <input type="checkbox"/> Correspondence address below |
| NAME   | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.<br>Attorneys at Law                           |          |   |
| ADDRESS  |   |          |   |
| CITY   | STATE   | ZIP CODE |   |
| COUNTRY  | TELEPHONE   | FAX      |   |

|                   |   |                                   |          |
|-------------------|---|-----------------------------------|----------|
| NAME (Print/Type) | Ryan L. Stamper   | Registration No. (Attorney/Agent) | 45,802   |
| SIGNATURE         |  | Date                              | 12/21/01 |

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

848.00

## Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | To Be Assigned       |
| Filing Date          | December 20, 2001    |
| First Named Inventor | Henry D. SWARTZ      |
| Examiner Name        | To Be Assigned       |
| Group Art Unit       | To Be Assigned       |
| Attorney Docket No.  | 1128.2810002/TGD/RJS |

## METHOD OF PAYMENT (check one)

## FEE CALCULATION (continued)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number   
Deposit Account Name

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed: Check No. 33667

Check  Credit card  Money Order  Other\*

\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid                           |
|----------------------------|----------------------------|-----------------|------------------------------------|
| 101                        | 201                        | 370             | Utility filing fee <u>\$740.00</u> |
| 106                        | 330                        | 206             | Design filing fee <u>  </u>        |
| 107                        | 510                        | 207             | Plant filing fee <u>  </u>         |
| 108                        | 740                        | 208             | Reissue filing fee <u>  </u>       |
| 114                        | 160                        | 214             | Provisional filing fee <u>  </u>   |
| <b>SUBTOTAL (1) (\$)</b>   |                            | <b>740.00</b>   |                                    |

## 2. EXTRA CLAIM FEES

| Extra                      | Fee from below             | Fee Paid        |     |   |
|----------------------------|----------------------------|-----------------|-----|---|
| Total Claims 26            | - 20** = 6 X 18            | = \$108.00      |     |   |
| Indep. Claims 1            | - 3** = 0 X 84             | = -0-           |     |   |
| Multiple Dependent         |                            | =               |     |   |
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |     |   |
| 103                        | 18                         | 203             | 9   | Claims in excess of 20                                    |
| 102                        | 84                         | 202             | 42  | Independent claims in excess of 3                         |
| 104                        | 280                        | 204             | 140 | Multiple dependent claim                                  |
| 108                        | 84                         | 209             | 42  | **Reissue independent claims over original patent         |
| 110                        | 18                         | 210             | 9   | **Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2) (\$)</b>   |                            | <b>108.00</b>   |     |   |

\*\* or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES  
Large Entity Small Entity

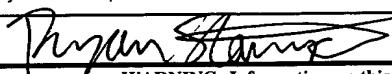
| Fee Code              | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee paid |
|-----------------------|----------|----------|----------|--|----------|
| 105                   | 130      | 205      | 65       | Surcharge - late filing fee or oath  |          |
| 127                   | 50       | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130      | 139      | 130      | Non-English specification  |          |
| 147                   | 2,520    | 147      | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112                   | 920*     | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840*   | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115                   | 110      | 215      | 55       | Extension for reply within first month                                     |          |
| 116                   | 400      | 216      | 200      | Extension for reply within second month                                    |          |
| 117                   | 920      | 217      | 460      | Extension for reply within third month                                     |          |
| 118                   | 1,440    | 218      | 720      | Extension for reply within fourth month                                    |          |
| 128                   | 1,960    | 228      | 980      | Extension for reply within fifth month                                     |          |
| 119                   | 320      | 219      | 160      | Notice of Appeal   |          |
| 120                   | 320      | 220      | 160      | Filing a brief in support of an appeal                                     |          |
| 121                   | 280      | 221      | 140      | Request for oral hearing   |          |
| 138                   | 1,510    | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140                   | 110      | 240      | 55       | Petition to revive - unavoidable   |          |
| 141                   | 1,280    | 241      | 640      | Petition to revive - unintentional   |          |
| 142                   | 1,280    | 242      | 640      | Utility issue fee (or reissue)   |          |
| 143                   | 460      | 243      | 230      | Design issue fee   |          |
| 144                   | 620      | 244      | 310      | Plant issue fee  |          |
| 122                   | 130      | 122      | 130      | Petitions to the Commissioner  |          |
| 123                   | 130      | 123      | 130      | Petitions related to provisional applications                              |          |
| 126                   | 180      | 126      | 180      | Submission of Information Disclosure Stmt                                  |          |
| 581                   | 40       | 481      | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146                   | 740      | 246      | 370      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149                   | 740      | 249      | 370      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 179                   | 740      | 279      | 370      | Request for Continued Examination (RCE)                                    |          |
| 169                   | 900      | 169      | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) : |          |          |          |  |          |
| Other fee (specify) : |          |          |          |  |          |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)-0-

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                   |        |           |              |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Ryan J. Stamper   | Registration No. (Attorney/Agent) | 45,802 | Telephone | 202-371-2600 |
| Signature         |  |                                   |        | Date      | 12/21/01     |

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